

CERTIFICATE OF ANALYSIS

Prepared for:

North Brands LLC

Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Started:	Received:	
	Various	Various Unit Started: Received:

Cannabinoids

Methods: TM14 (HPLC-DAD)	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
	, <u>c</u> ,	-	(),		
Cannabichromene (CBC)	0.137	0.470	ND	ND	# of Servings = 1
Cannabichromenic Acid (CBCA)	0.125	0.430	ND	ND	Sample
Cannabidiol (CBD)	0.482	1.293	10.200	0.00	Weight=355g
Cannabidiolic Acid (CBDA)	0.495	1.326	ND	ND	
Cannabidivarin (CBDV)	0.114	0.306	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.206	0.553	ND	ND	
Cannabigerol (CBG)	0.078	0.267	ND	ND	
Cannabigerolic Acid (CBGA)	0.325	1.116	ND	ND	
Cannabinol (CBN)	0.101	0.348	ND	ND	
Cannabinolic Acid (CBNA)	0.222	0.762	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.387	1.330	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.351	1.208	4.920	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.311	1.070	ND	ND	
Tetrahydrocannabivarin (THCV)	0.071	0.243	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.275	0.944	ND	ND	
Total Cannabinoids			15.120	0.00	
Total Potential THC			4.920	0.00	
Total Potential CBD			10.200	0.00	

Final Approval

Samantha Smith 29Feb2024 04:00:00 PM MST

Sam Smith

PREPARED BY / DATE

APPROVED BY / DATE

Karen Winternheimer Winternheimen 29Feb2024 04:01:00 PM MST

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Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 2 of 5
NCC0066	Various	Unit	
Reported:	Started:	Received:	
29Feb2024	29Feb2024	29Feb2024	

Microbial Contaminants

Test ID: T000272843					
Methods: TM25 (PCR) TM24, TM26,			Quantitation		
TM27 (Culture Plating)	Method	LOD	Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and – foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	_
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	-
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	-
					-

Final Approval



Eden Thompson-Wright 03Mar2024 01:52:00 PM MST

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Buanne Maillot 04Mar2024 10:36:00 AM MST

PREPARED BY / DATE

APPROVED BY / DATE

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Batch ID or Lot Number: NCC0066	Test, Test ID and Methods: Various	Matrix: Unit	Page 3 of 5	
Reported: 29Feb2024	Started: 29Feb2024	Received: 29Feb2024		

Pesticides

Test ID: T000272842

Methods: TM17		
(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	303 - 2700	ND
Acephate	44 - 2717	ND
Acetamiprid	42 - 2672	ND
Azoxystrobin	46 - 2716	ND
Bifenazate	42 - 2698	ND
Boscalid	39 - 2729	ND
Carbaryl	42 - 2703	ND
Carbofuran	43 - 2697	ND
Chlorantraniliprole	48 - 2704	ND
Chlorpyrifos	45 - 2777	ND
Clofentezine	278 - 2734	ND
Diazinon	289 - 2726	ND
Dichlorvos	285 - 2715	ND
Dimethoate	44 - 2661	ND
E-Fenpyroximate	271 - 2826	ND
Etofenprox	45 - 2797	ND
Etoxazole	286 - 2702	ND
Fenoxycarb	42 - 2767	ND
Fipronil	21 - 2732	ND
Flonicamid	50 - 2730	ND
Fludioxonil	266 - 2659	ND
Hexythiazox	42 - 2798	ND
Imazalil	282 - 2768	ND
Imidacloprid	46 - 2722	ND
Kresoxim-methyl	39 - 2762	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	305 - 2688	ND
Metalaxyl	41 - 2723	ND
Methiocarb	43 - 2702	ND
Methomyl	44 - 2711	ND
MGK 264 1	153 - 1606	ND
MGK 264 2	110 - 1092	ND
Myclobutanil	44 - 2688	ND
Naled	50 - 2666	ND
Oxamyl	42 - 2732	ND
Paclobutrazol	43 - 2716	ND
Permethrin	290 - 2859	ND
Phosmet	40 - 2590	ND
Prophos	294 - 2690	ND
Propoxur	43 - 2684	ND
Pyridaben	289 - 2793	ND
Spinosad A	32 - 2098	ND
Spinosad D	62 - 676	ND
Spiromesifen	290 - 2770	ND
Spirotetramat	276 - 2758	ND
Spiroxamine 1	17 - 1032	ND
Spiroxamine 2	25 - 1597	ND
Tebuconazole	286 - 2765	ND
Thiacloprid	44 - 2691	ND
Thiamethoxam	44 - 2752	ND
Trifloxystrobin	44 - 2720	ND

Final Approval



Karen Winternheimer 05Mar2024

Phila

Phillip Travisano 05Mar2024 09:45:00 AM MST

APPROVED BY / DATE



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NCC0066	Various	Unit	
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Heavy Metals

Test ID: T000272844
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	
Arsenic	0.05 - 4.65	ND	
Cadmium	0.04 - 4.42	ND	
Mercury	0.05 - 4.56	ND	
Lead	0.05 - 4.56	ND	

Final Approval

Phil L

05Mar2024 02:58:00 PM MST

Phillip Travisano



Karen Winternheimer 05Mar2024 Withtenheimen 02:59:00 PM MST

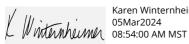
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Residual Solvents

Test ID: T000272845 Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes	
Propane	74 - 1472	ND		
Butanes (lsobutane, n-Butane)	154 - 3090	ND		
Methanol	58 - 1162	ND		
Pentane	79 - 1572	ND		
Ethanol	82 - 1632	ND		
Acetone	91 - 1828	ND		
Isopropyl Alcohol	95 - 1898	ND		
Hexane	6 - 115	ND		
Ethyl Acetate	94 - 1876	ND		
Benzene	0.2 - 3.8	ND		
Heptanes	88 - 1761	ND		
Toluene	17 - 341	ND		
Xylenes (m,p,o-Xylenes)	123 - 2458	ND		

Final Approval



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Karen Winternheimer 05Mar2024



Phillip Travisano 05Mar2024 08:56:00 AM MST

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Definitions

https://results.botanacor.com/api/v1/coas/uuid/6380c442-f883-41b8-96d0-6b303da0f637

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THC a*(0.877)) and Total CBD = CBD + (CBD a*(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or – the measurement uncertainty. Total Potential THC is calculated by dynamic range of the method), during decarboxylation step. Total ThC = THC + (THCa *(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: $10^2 = 100$ CFU, $10^{-4} = 1,000$ CFU, $10^{-4} = 10,000$ CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details.



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